

Permit #: 20068

Date Issued: 4-9-93

County: Bates

Date Cancelled: _____

CONFIDENTIAL UNTIL: _____

Date Plugged: 4-14-93

COMMENTS:

OCC FORMS	Date Received
1	
2	
3	4-8-93
3i	
4	
4i	
5	4-26-93
6	
7	4-26-93
8	
11	
12	
Misc. Form 2	

	TYPE	ID #	Date Received
Logs			
Samples	chip		
	core		
Analyses	water		
	core		
Additional Submitted Data:			



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED

FORM OGC-3

APR 08 1993

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR Colt Energy, Inc.		DATE 4-8-93	
ADDRESS Box 388	CITY Iola,	STATE KS	ZIP CODE 66749

DESCRIPTION OF WELL AND LEASE	
NAME OF LEASE Karlin-Harden	WELL NUMBER 2-22
ELEVATION (GROUND) 842	

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)			
190 FT. FROM (N/S) SECTION LINE		4780 FEET FROM (E/W) SECTION LINE	
SECTION 22	TOWNSHIP 41	RANGE 33	COUNTY Bates

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 190 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE FEET

PROPOSED DEPTH 650	DRILLING CONTRACTOR, NAME AND ADDRESS Evans Energy Deve, Inc.	ROTARY OR CABLE TOOLS Rotary	APPROX. DATE WORK WILL START 4-12-93
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TRIMMED ACRES IN LEASE 2080	NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 1
NUMBER OF ABANDONED WELLS ON LEASE	

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME	NO. OF WELLS: PRODUCING 0
ADDRESS	INJECTION 0
	INACTIVE 0
	ABANDONED 0

STATUS OF BOND	<input type="checkbox"/> SINGLE WELL AMOUNT \$	<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 80,000	<input checked="" type="checkbox"/> ON FILE
			<input type="checkbox"/> ATTACHED

REMARKS (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
30	6 5/8	17	6sx	30	6 5/8	17	6sx
650	2 7/8	6.4	60sxs	650	2 7/8	6.4	60 sxs

I, the undersigned, state that I am the Agent of the Colt Energy, Inc. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE *James H. Keshner* DATE 4-8-93

PERMIT NUMBER #20068	<input checked="" type="checkbox"/> DRILLER'S LOG REQUIRED <input checked="" type="checkbox"/> E-LOGS REQUIRED IF RUN
APPROVAL DATE 4-9-93	<input checked="" type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input checked="" type="checkbox"/> DRILL STEM TEST INFO. REQUIRED IF RUN
APPROVED BY <i>James H. Keshner</i>	<input type="checkbox"/> SAMPLES REQUIRED
	<input type="checkbox"/> SAMPLES NOT REQUIRED
	<input type="checkbox"/> WATER SAMPLES REQUIRED AT

NOTE ► THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL, DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

I, _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE _____ DATE _____

W. C. LETHCHO
COUNTY ENGINEER & SURVEYOR
Bates County Court House
BUTLER, MO. 64730
Phone 679-4031

APRIL 7, 1993

WELL REFERENCE TIES
SECTION 22. TOWNSHIP 41 NORTH, RANGE 33 WEST
SHEET 1 OF 2

FOR: COLT ENERGY. INC.
4500 COLLEGE BLVD SUITE 308
OVERLAND PARK, KS 66211

ATTN: JOHN G. GOLSON
913-451-3807

1"=50'

MAG BRGS
8° EAST DECL



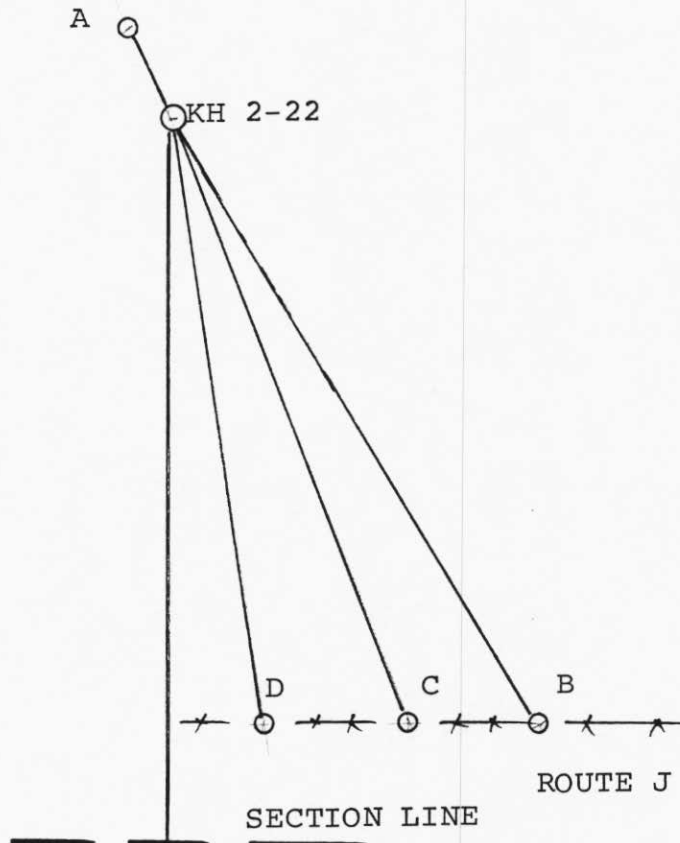
PROPOSED WELL
KARLIN/HARDIN 2-22

THIS IS TO CERTIFY THE REFERENCE TIES SHOWN ARE IN ACCORDANCE WITH
CURRENT MINIMUM STANDARDS.

REFERENCE A - N25°W 25.2' TO 5" ELM
" B - S31°E 185.0' TO EAST BRACE POST
" C - S20°E 169.0' TO WEST GATE POST
" D - S07°E 159.9" TO 2ND STEEL FENCE POST WEST OF GATE
PROPOSED WELL IS 190' NORTH OF SECTION LINE

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APR 09 1993

MO Oil & Gas Council



[Handwritten signature]



1" = 400' ±

T41N R33W

WELL LOCATION MAP BATES COUNTY TAX
MAP 65-06-5

SHEET 2 OF 2

7,061'

K-H 2-22

500' ±

21 22

23 27

65-06-5

K-H 2-22



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

RECEIVED Form OGC-5
APR 26 1993

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☒ DRY

OWNER Colt Energy, Inc.		ADDRESS P.O. Box 388, Iola, KS 66749	
LEASE NAME Karlin-Harden		WELL NUMBER 2-22	
LOCATION 190FSL 4780FEL		SEC. TWP. AND RANGE OR BLOCK AND SURVEY 22-41-33	
COUNTY Bates	PERMIT NUMBER (OGC-3 OR OGC-31) 20068		
DATE SPUDDED 4-13-93	DATE TOTAL DEPTH REACHED 4-14-93	DATE COMPLETED READY TO PRODUCE OR INJECT -----	ELEVATION (DF, RKR, RT, OR Gr.) FEET 842
TOTAL DEPTH 495	PLUG BACK TOTAL DEPTH Plugged well from 495 to surface		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION None		ROTARY TOOLS USED (INTERVAL) To 495 Native	CABLE TOOLS USED (INTERVAL) -----
WAS THIS WELL DIRECTIONALLY DRILLED? No	WAS DIRECTIONAL SURVEY MADE? NO	DRILLING FLUID USED NO	DATE FILED -----
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) Drillers Log			DATE FILED 4-22-93

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	9 5/8	7"	17#	20.0	6sxs	4'

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
IN.	FEET	FEET	INCH	FEET	FEET	FEET	FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING -- IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbls.	GAS PRODUCED DURING TEST MCF	WATER PRODUCED DURING TEST bbls.	OIL GRAVITY API (CORR.)	
TUBING PRESSURE	CASING PRESSURE	CALCULATED RATE OF PRODUCTION PER 24 HOURS		OIL bbls.	GAS MCF	WATER bbls.	GAS OIL RATIO

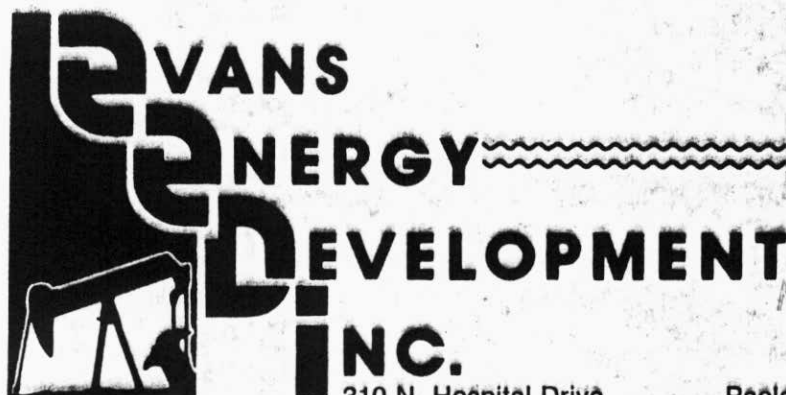
DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

METHOD OF DISPOSAL OF MUD PIT CONTENTS

Pumped fluid out - pushed pit in

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE Agent OF THE Colt Energy, Inc. COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE 4-22-93	SIGNATURE <i>Dennis Kershner</i>
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310 N. Hospital Drive

Paola, Kansas 66071

(913) 294-9083

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APR 26 1993

Custom
oil & gas
drilling

Lease Development

MO Oil & Gas Council

WELL LOG

Karlin - Harden 2-22

Colt Energy, Inc.

Permit #20068

April 13 - April 14, 1993

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
8	soil & clay	8
29	shale	37
10	lime	47
12	shale	59
18	lime	77
12	shale	89
4	lime	93
2	shale	95-dark
3	lime	98
3	shale	101
5	sand	106-brown, tight, no show
1	sand	107-gray, limey
16	shale	123
2	lime	125
2	shale & lime	127-green shale & lime
14	lime	141
9	shale	150
7	lime	157
4	shale	161
4	silty shale	165-gray
2	sand	167-brown, light bleeding
4	sand	171-brown, good bleeding
4	sand & shale	195-brown, light bleeding, sand & gray shale
4	shale	179
2	sand	181-brown, good bleeding
17	sand	198-silty, gray
21	sand & shale	219-thin laminations, gray sand & gray shale
7	sand	226-light gray with black shale seams
6	sand	232-clean, gray
6	sand & shale	238-gray sand & dark shale
11	shale	249-dark
5	lime	254-black
6	shale	260-dark
26	shale	286-gray
1	coal	287
36	shale	323
1	coal	324

Karlin - Harden (con't)

8	shale	332
5	silty shale	337
2	sand	339-gray, few brown sand laminations
6	sand & shale	345-thin laminations, dark shale & gray sand
10	shale	355-dark
4	shale	359-light gray, silty
5	shale	364
3	silty sand	367-gray, few brown sand laminations
4	shale	373-dark
1	shale	374-light gray
2	silty sand	376-gray, few brown sand laminations
1	sand & shale	377
9	sand	386-light gray, clean
2	sand & shale	388-light gray sand & dark shale
7	sand	395-light gray, clean
9	sand & shale	404
9	shale	413-medium gray
24	shale	437-dark
2	sand	439-gray
2	lime & shale	441-brown
11	shale	452-dark
22	sand & shale	474-light gray sand & dark shale laminated
20	shale	494-dark
1	lime	495-TD-Mississippian

Set 20.0' of 7" T & C Surface Casing.

This well was plugged with 60 sacks from 495' to the surface on 4/14/93.

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MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
PLUGGING RECORD

FORM OGC-7

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APR 26 1993

OWNER Colt Energy, Inc.		ADDRESS P.O. Box 388, Iola, KS 66749	
NAME OF LEASE Karlin-Harden		WELL NUMBER 2-22	PERMIT NUMBER (OGC-3 OR OGC-3I NUMBER) 20068
LOCATION OF WELL 190FSL 4780FEL		SEC-TWP-RNG OR BLOCK & SURVEY 22-41-33	COUNTY Bates
APPLICATION TO DRILL THIS WELL WAS FILED IN NAME OF: Colt Energy, Inc.		HAS THIS WELL EVER PRODUCED OIL OR GAS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	CHARACTER OF WELL AT COMPLETION (INITIAL PRODUCTION) OIL (BBL/DAY) _____ GAS (MCF/DAY) _____ DRY? Yes
DATE ABANDONED 4-14-93	TOTAL DEPTH 495	AMOUNT WELL PRODUCING PRIOR TO ABANDONMENT OIL (BBL/DAY) -0- GAS (MCF/DAY) -0-	WATER (BBL/DAY) -0-
Name of each formation containing oil or gas. Indicate which formation open to well bore at time of abandonment.		Fluid content of each formation	Depth interval of each formation
Squirrel		Light Oil Sat.	165-232
Bartlesville		" " "	374-404
Mississippi		None	494-495
SIZE PIPE	PUT IN WELL (FT)	PULLED OUT (FT)	LEFT IN WELL (FT)
7"	20	4	16
GIVE DEPTH AND METHOD OF PARTING CASING (SHOT, RIPPED, ETC.) Cut surface pipe off below plow depth			
PACKERS AND SHOES			
WAS WELL FILLED WITH MUD-LADEN FLUID? Cemented to surface		INDICATE DEEPEST FORMATION CONTAINING FRESH WATER	
NAME AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE			
NAME		ADDRESS	
Charles A. Karlin		11917 Goddard	
		Overland Park, KS 66213	
METHOD OF DISPOSAL OF MUD PIT CONTENTS		Pumped fluid out - pushed pit in	
NOTE FILE THIS FORM IN DUPLICATE WITH (USE REVERSE SIDE FOR ADDITIONAL DETAIL)			
CERTIFICATE I, the undersigned, state that I am the Agent of the Colt Energy, Inc. (Company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.			
SIGNATURE <i>Dennis Leishner</i>		DATE 4-22-93	